

Author Index to Volume 17

A

- Aaberg, T. M., Jr., 260
Adelberg, D. A., 310
Adelman, A. E., 222
Ahn, C. S., 71
Akamine, T., 73
Aldern, K. A., 57
Alfaro, D. V., 28, 139
Allen, P. J., 421
Anand, R., 430
Anderson, R. J., 33
Aparicio, M. J., 378
Arellanes-García, L., 437
Arroyo, J. G., 254
Avanza, P., 12

B

- Baker, A. S., 461, 521
Baker, R. S., 164
Baltatzis, S., 352
Banker, A. S., 57
Barile, G. R., 75
Barone, R., 557
Barton, C. P., 139
Bartz-Schmidt, K. U., 330
Behrens, M., 105
Belfort, R., Jr., 351
Benner, J. D., 87
Berger, A. S., 94
Bergeron-Lynn, G., 57
Bertrand, J., 378
Beverly, D. T., 139
Billi, B., 186, 300
Binder, S., 146
Bindley, C. D., 321
Blankenship, G. W., 449
Blumenkranz, M. S., 87
Bonte, C. A., 216
Brancato, R., 12, 131
Brenner, B., 555
Briggs, J., 28
Broadway, D. B., 421
Brown, A. D., 70
Brown, G. C., 94
Brownlow, R. L., Jr., 94
Brucker, A. J., 139, 191

C

- Calori, G., 131
Campochiaro, P. A., 507
Cassiman, J. J., 216
Cavero, L., 372
Chang, B., 265

D

- Dalgetty, M., 28
D'Altobrando, E., 286
Daly, S. W., 118
D'Amico, D. J., 521
Davis, P. A., 38
Deangelis, L. M., 118
de Juan, E. Jr., 358
De Lavallée, V. W. R., 196
De Potter, P., 349, 459
Desai, U. R., 166
Dick, H. B., 397
Doi, M., 73
Dori, D., 555
Dotrelova, D., 390
Dubovy, S. R., 510
Dudley, D., 455
Dunker, S., 124, 338

E

- Eagle, R. C., Jr., 459
Easley, J., 466
Eaton, A. M., 360
Elliott, D., 87
Emerick, G., 455
Esser, P., 330

F

- Fankhauser, F., II, 414
Faulborn, J., 124, 338
Ferriss, J. A., 449
Figueroa, M. S., 378
Fineman, M. S., 455
Fiscella, R. G., 222, 535
Fisher, K., 105
Fisher, Y. L., 265, 557

G

- Fishman, G. A., 33, 222, 403
Flaxel, C. J., 421
Flores-Aguilar, M., 57
Flynn, H. W., Jr., 260
Foerster, M. H., 403
Freeman, W. R., 57
Fritsch, E., 294
Fuchs, S., 17

G

- Gabel, V.-P., 275
Gal, A., 17
Galli, L., 12
García-Arumí, J., 372
Gariano, R. F., 256
Gelfand, Y. A., 555
Gieser, J. P., 430
Gilbert, L. D., 33
Ginsburg, L. H., 23
Giovannini, A., 286
Girard, P., 502
Glinz, J., 124
Goldstein, D. A., 71
Gopal, L., 266
Green, W. R., 135, 232, 310, 510
Grote, K., 179
Grover, S., 33, 222
Guidry, C., 51
Guyton, D. L., 510

H

- Hairston, R. J., 135
Haller, E.-M., 338
Haller, J. A., 507
Hamada, A., 459
Han, D. P., 356
Hardwick, C. W., Jr., 51
Harlan, J. B., 232
Hayashi, S., 351
Heide, W., 294
Heimann, K., 330
Heinemann, M.-H., 118
Hejny, C., 356
Hellstedt, T. J., 211
Hermens, W. T., 540
Herrera-Barrios, T., 437
Hickingbotham, D., 360
Hjelmeland, L. M., 38
Ho, C.-L., 315
Hoerauf, H., 294
Hofeldt, A. J., 105

I

- Horton, J. C., 451
Hostettler, K. Y., 57
Hudson, S. J., 139
Humayun, M. U., 358

I

- Imesch, P. D., 321
Immonen, I. J. R., 211
Iwahashi, C. K., 38

J

- Jacobi, F. K., 397
Jaffe, G. J., 254
Jakobs, E. M., 310
Jalli, P. Y. I., 211
Janarthanan, M., 200
Johnson, M. W., 239
Johnson, R. N., 205, 247, 440, 444, 547
Jonescu-Cuypers, C.-P., 330
Jones, M. R., 457
Joondeph, B. C., 260

K

- Kalina, R. E., 256
Karel, I., 390
Kasowski, E. J., 139
Katz, L. J., 455
Keilhauer, C., 385
Kellner, U., 403
Kennaway, N. G., 403
Kerschmann, R. L., 434
Kertes, P. J., 466, 560
Kim, M. K., 351
Kimura, Y., 7
King, L. P., 139
Kirchhof, B., 330
Kirkby, G. R., 70
Kishi, S., 7
Kleiner, R., 160
Klein, M. L., 359
Knabben, H., 385
Konan, W., 330
Kozielec, G. F., 558
Krepler, K., 146
Krzystolik, M. G., 461
Kurtz, R. M., 71, 535
Kusaka, S., 2

L

- Labib, S., 535

- Ladas, I. D., 352
 Lai, J. C., 239
 Lamborne, A. N., 358
 Lansing, M. B., 493
 Laqua, H., 294
 Larkin, G. B., 421
 Laughlin, R. M., 28
 Leaver, P. K., 421
 Lesnoni, G., 186
 Lewis, J. M., 310
 Ley, A., 481
 Ley, A. M., 216, 258
 Lim, P.-L., 560
 Limstrom, S. A., 251
 Lizzi, F. L., 109
 Lopez, J. D., 139
 Lopez, P. F., 162
 Lowery, R. L., 434
- M**
 Machemer, R., 360
 Maguire, A. M., 135
 Maguire, J. I., 455
 Majji, A. B., 200
 Manrique, M. G., 378
 Margo, C. E., 434
 Mariotti, C., 286
 Martonyi, C. L., 239
 Maruyama, Y., 7
 Marx, J. L., 162
 Mason, J. O., III, 160
 Matthijs, G. L., 216
 McCuen, B. W., 94
 McCuen, B. W., II, 87
 McDonald, H. R., 205,
 440, 444, 547
 McDonald, R., 247
 Meffert, S. A., 560
 Mehta, S., 266
 Messmer, E., 414
 Mieler, W. F., 551
 Miller, B., 555
 Milner, R. S., 349
 Minamoto, A., 99
 Mittal, R. A., 315, 551
 Mizote, H., 99
 Moreira, A. T., 530
 Moreira, C. A., Jr., 530
 Mori, K., 73
 Morris, R., 51
 Morse, L. S., 38, 87, 354
 Mui, S., 535
- N**
 Naduvilath, T. J., 200
 Nakazawa, M., 17
 Narai, A., 99
 Nasemann, J., 275
 Nasir, M. A., 315
 Nawrocki, J., 275
 Ng, E. W. M., 521
- O**
 Ober, R. R., 251
 O'Halloran, H. S., 164
 Ohashi, Y., 2
 Okada, K., 99
 Ortega-Larrocea, G., 437
 Overaker, R., 360
- P**
 Panagiotidis, D., 352
 Park, D. W., 205
 Park, K. L., 162
 Pavlovic, S., 397
 Pece, A., 12
 Pendergast, S. D., 306
 Peyman, G. A., 466, 560
 Pfeiffer, N., 397
 Pflug, R., 146
 Phil, D., 403
 Phillips, W. B., II, 67
 Pierro, L., 131
 Poliner, L. S., 179
 Pollack, J. S., 551
- Q**
 Quillen, D. A., 449
- R**
 Rao, N. A., 162
 Recillas-Gispert, C., 437
 Reguera, A., 378
 Reich, M.-E., 338
 Reppucci, V. S., 75
 Resnick, K. I., 71
 Roider, J., 294
 Rondeau, M. J., 109
 Rossi, T., 186, 300
 Rubins, J. B., 521
 Rubsamen, P. E., 44, 260
 Ruiz-Moreno, J. M., 553
- T**
 Ruoff, K. L., 521
 Rutili, T., 286
- S**
 Saade, G., 502
 Sada-Díaz, E., 437
 Sakagami, K., 2
 Sakata, H., 99
 Samiyi, N., 521
 Sammartino, J. P., 23
 Sanford, E. G., 28
 Santos, A., 507
 Sararols, L., 372
 Scassa, C., 300
 Scassellati-Sforzolini, B.,
 286
 Schatz, H., 65, 154, 205,
 247, 344, 440, 444, 547
 Schech, J. M., 28
 Schiff, W. M., 75
 Schneberger, S. A., 38
 Schwab, I. R., 354
 Schwenn, O., 397
 Seike, C., 2
 Sen, H. A., 164
 Shaikh, S., 354
 Shapiro, M. J., 535
 Shastry, B. S., 306
 Shelley, T. H., 358
 Shields, C. L., 349, 459
 Shields, J. A., 258, 349,
 459
 Shimizu, K., 7
 Silverman, R. H., 109,
 118
 Simon, R. M., 251
 Simons, B. D., 191
 Sjaarda, R. N., 493
 Slaaf, D. W., 540
 Smith, C. W., 558
 Solbach, U., 385
 Solomon, L., 265
 Solomon, M. J., 71, 535
 Spellman, F. A., 67
 Spiegel, D., 275
 Stalmans, P., 481
 Stathopoulos, N. A., 449
 Steinkamp, P. N., 359
 Stirpe, M., 186, 300
 Stolba, U., 146
 Stoller, G. L., 557
 Strassman, I. B., 166
 Sykes, S. O., 451
- U**
 Uji, Y., 73
 Ursea, R., 109, 118
 Uscocovich, C. E., 530
- V**
 Van Den Biesen, P. R.,
 540
 van den Brom, H. J. B.,
 196
 Van Limbergen, E., 481
 Varano, M., 300
 Velikay, M., 146
 Vitale, S., 135
- W**
 Wada, Y., 17
 Waller, I. H. L., 321
 Wedrich, A., 146
 Weidenthal, D. T., 232
 Weiss, M. J., 105
 Weleber, R. G., 403
 Wilson, C. A., 430
 Wolf, S., 385
 Wong, D. T., 75
- Y**
 Yuuki, T., 7
- Z**
 Zimmer-Galler, I. E., 507

Subject Index to Volume 17

A

Abstracts

asymmetry of disciform scarring in bilateral disease when one eye is treated with radiotherapy, 172
beta-galactosidase transgene expression in transplanted rabbit RPE cells *in vivo*, 471
comparison of tight junction permeability for albumin in iris pigment epithelium and RPE, 472
cyclosporine treatment promotes survival of human fetal neural retina transplanted to the subretinal space of the light-damaged Fisher 344 rat, 469
effects of RPE cell-secreted factors on neonatal rat retinal explant progenitor cells, 472
low-dose radiation therapy for choroidal neovascularization in AMD, 170
manufacture and characterization of poly(alpha-hydroxy ester) thin films as temporary substrates for RPE cells, 471
phase I/II study of proton beam irradiation for the treatment of subfoveal choroidal neovascularization in AMD: treatment techniques and preliminary results, 170
photoreceptor repair in response to RPE transplants in RCS rats: outer segment regeneration, 470
radiation therapy for age-related subfoveal choroidal neovascular membranes, 171
radiation therapy for subretinal neovascularization, 171
radiotherapy for age-related choroidal neovascularization, 170–172
reattachment of cultured human RPE to extracellular matrix and human Bruch's membrane, 471
retinal and retinal pigment epithelial transplantation, 468–473
retinal engineering: engrafted neural cell lines locate in appropriate layers, 472
retroviral gene transfer into retinal pigment epithelial cells followed by transplantation into rat retina, 470
tolerance of human fetal RPE xenografts in monkey retina, 469
transplantation of fetal RPE in age-related macular degeneration with subfoveal neovascularization, 468
transplantation of human fetal RPE rescues photoreceptor cells in the RCS rat retina, 469
Acyclovir diphosphate dimyristoylglycerol lipid prodrug, in herpes simplex virus-1 retinitis (rabbit), 57

Adhesions, peripheral vitreoretinal, 131
Adies pupil, ocular siderosis, 105
Age/aging
 peripheral vitreoretinal adhesions and, 131
 postconceptional age, pars plana development, 135
AIDS (acquired immune deficiency syndrome). *See HIV/AIDS*
Alcaligenes xylosoxidans endophthalmitis, chronic post-operative, 260
Amikacin, intravitreal efficacy, in posttraumatic pseudomonal endophthalmitis (pig), 139
Angioid streaks, choroidal neovascularization, laser photocoagulation, 12
Animal studies
 complement-induced retinal arteriolar occlusions (cat), 239
 effect of retinal cryoapplication on vitreous (rabbit), 338
 experimental proliferative vitreoretinopathy, periocular corticosteroid therapy (rabbit), 44
 experimental vitreous and aqueous replacement with perfluorophenanthrene (rabbit), 146
 intracocular injection of recombinant hirudin in prevention of postoperative fibrin formation (rabbit), 315
 intravenous gentamicin and ceftazidime in penetrating ocular trauma (pig), 28
 lipid prodrug of acyclovir in herpes simplex virus-1 retinitis (rabbit), 57
 perfluoro-octane for hemostasis during vitreoretinal surgery (rabbit), 530
 pneumolysin as virulence factor in *Streptococcus pneumoniae* endophthalmitis (rat), 521
 posttraumatic pseudomonal endophthalmitis (pig), intravitreal antibiotic therapy, 139
Aniridia, silicone oil tamponade in, artificial iris diaphragm for, 330
Anterior chamber, erosion and migration of Watzke sleeve, 71
Antibiotics
 intravenous gentamicin and ceftazidime in penetrating ocular trauma (pig), 28
 intravitreal ceftazidime, amikacin, and imipenem therapy, posttraumatic pseudomonal endophthalmitis (pig), 139
 letter, 464

- ofloxacin penetration of eye after intravenous and topical administration, 535
- Antiphospholipid syndrome, primary, cilioretinal artery occlusion in, 555
- Antithrombin agents, recombinant hirudin in prevention of postoperative fibrin formation (rabbit), 315
- Apolipoprotein E, subretinal fluid, in retinal detachment, 38
- Aqueous fluid, ofloxacin penetration after intravenous and topical administration, 535
- Aqueous substitute, evaluation of perfluorophenanthrene (rabbit), 146
- Arcuate pigment epithelial dystrophy, bull's eye maculopathy in, 551
- Arrestin gene, 1147delA mutation in Oguchi disease, phenotypic characteristics, 17
- Artificial iris diaphragm, in silicone oil tamponade for ocular trauma in eyes with partial/complete aniridia, 330
- Aspergillus niger* endophthalmitis, exogenous, in patient with filtering bleb, 461
- Autofluorescence, retinal autofluorescence in AMD, scanning laser ophthalmoscopy, 385
- Autorefractometry, head position and refractive changes in silicone oil-filled eyes, 397
- Autosomal dominant vitreoretinochoroidopathy, 294
- Award of Merit in Retina Research, Gabriel J. Coscas, 1
- Axial length of eye
- branch retinal vein occlusion and, 191, 196
 - pars plana development, 135
 - peripheral vitreoretinal adhesions and, 131
- B**
- Bartonella henselae*, acute multifocal retinitis, in HIV/AIDS, 457
- Book Review, Indocyanine Green Angiography, L. Yanuzzi, R. W. Flower, J. S. Slakter (eds.), 474
- Bull's eye maculopathy
- in arcuate pigment epithelial dystrophy, 551
 - in central serous chorioretinopathy, 205
- Bungee cord injury, posttraumatic *Scopulariopsis brevicaulis* endophthalmitis, 256
- C**
- Cannulated vitrectomy system, sclerotomy-related retinal tears and, 430
- Cataract surgery, triple procedure: phacoemulsification, IOL implantation, and scleral buckling, 502
- Ceftazidime
- intravenous, in penetrating ocular trauma (pig), 28
 - intravitreal efficacy, in posttraumatic pseudomonal endophthalmitis (pig), 139
- Cellophane maculopathy, 300
- Central nervous system, lymphoma, ocular involvement, 118
- Central serous chorioretinopathy
- idiopathic serous pigment epithelial detachment, 286
 - ring RPE window defect of macula in, 205
- Chorioretinitis
- primary CNS lymphoma with ocular involvement, 118
 - tuberculous, in HIV/AIDS, 437
- Chorioretinitis scleropatia, 510
- Chorioretinopathy
- central serous
 - idiopathic serous pigment epithelial detachment, 286
 - ring RPE window defect of macula in, 205
 - circumpapillary, in multiple evanescent white dot syndrome, 75
- Choroid
- fluorescein extravasation during fluorescein angiography, 540
 - in idiopathic serous pigment epithelial detachment, 286
 - metastasis, RPE tear and, 258
 - rupture, multiple posttraumatic choroidal ruptures obscured by hemorrhage, indocyanine green angiographic imaging, 352
- Choroidal dystrophy, gyrate atrophy-like phenotype with normal plasma ornithine, 403
- Ciliary artery occlusion, posterior, after central retinal artery occlusion, in diabetes, 67
- Ciliary detachment, after scleral buckling for rhegmatogenous retinal detachment, 7
- Ciliochoroidal effusion, bilateral angle-closure glaucoma in HIV/AIDS and, 455
- Cilioretinal artery occlusion, in primary antiphospholipid syndrome, 555
- Circumpapillary chorioretinopathy, in multiple evanescent white dot syndrome, 75
- Complement system, complement-induced retinal arteriolar occlusions (cat), 239
- Computed tomography (CT scan), ocular siderosis, 105
- Congenital anomalies, prepapillary vascular loop, recurrent vitreous hemorrhage and, 166
- Congenital nystagmus, in autosomal dominant vitreoretinochoroidopathy, 294
- Contraction, opposing contractile forces, postvitrectomy posterior retinal holes, 99
- Corticosteroid(s)
- frosted branch angiitis in Crohn's disease, 451
 - periocular injections, in retinal detachment resulting from proliferative vitreoretinopathy (rabbit), 44
- Coscas, Gabriel J., Award of Merit in Retina Research, 1
- Crohn's disease, frosted branch angiitis, 451
- Cryocoagulation, retinal, vitreous effects (rabbit), 338
- Cutis marmorata telangiectatica congenita, bilateral exudative vitreoretinopathy in, 306
- Cystoid macular edema, in retinitis pigmentosa, dorzolamide hydrochloride vs. acetazolamide, 222
- Cytomegalovirus retinitis
- ganciclovir implant insertion (letter), 463
 - letter, 167
- Cytotoxin, pneumolysin, virulence factor in *Streptococcus pneumoniae* endophthalmitis (rat), 521

D

- Dark adaptation, Oguchi disease, 17
 Deafness, macular pattern dystrophy in patients with diabetes and deafness, 216
 Diabetes mellitus
 branch retinal vein occlusion and, 191
 macular pattern dystrophy in patients with diabetes and deafness, 216
 sequential occlusion of central retinal artery and posterior ciliary artery in, 67
 Diabetic retinopathy
 intraretinal microvascular abnormalities, clinicopathologic correlation, 321
 microaneurysms, early vs. late staining on fluorescein angiography, 211
 proliferative, subretinal hemorrhages in, 87
 Diagnostic and therapeutic challenges, 344, 547
 asymmetric presentation of drusen, 65
 intraocular worm, 440
 posttraumatic visual loss, 154
 retinal vasoocclusive disease in alcoholic pancreatitis, 444
 Vogt-Koyanagi-Harada syndrome, 247
 Diode laser, peripheral transscleral retinal diode laser photocoagulation for rubesis iridis, 421
 Dorzolamide hydrochloride, for cystoid macular edema in retinitis pigmentosa, 222
 Drug delivery, lipid prodrug of acyclovir in herpes simplex virus-1 retinitis (rabbit), 57
 Drusen, soft, laser photocoagulation, 378

E

- Editorial, frosted branch angiitis: clinical syndrome or clinical sign (?), 370
 Electrooculography, gyrate atrophy-like phenotype with normal plasma ornithine, 403
 Electoretinography
 gyrate atrophy-like phenotype with normal plasma ornithine, 403
 ocular siderosis, 105
 in Oguchi disease, 17
 Endophthalmitis
 Alcaligenes xylosoxidans, 260
 exogenous *Aspergillus niger* endophthalmitis in patient with filtering bleb, 461
 posttraumatic, intravenous gentamicin and ceftazidime in penetrating ocular trauma (pig), 28
 pseudomonal, intravitreal ceftazidime, amikacin, and imipenem therapy (pig), 139
 letter, 464
 Scopulariopsis brevicaulis, 256
 in silicone oil-filled eye, 507
 Streptococcus pneumoniae, pneumolysin as virulence factor (rat), 521
 Endoscopy, disposable intraocular endoscope lens cleaner, 265
 Enucleation, hyperthermia and, for intraocular malignant melanoma, 109

E

- Epiretinal membrane(s)
 in chorioretinitis sclopetaria, 510
 combined hamartoma of retina and retinal pigment epithelium associated with epiretinal membrane and macular hole, 160
 reopening of macular holes in myopic eyes with retinal detachment, 2
 Exotoxin, pneumolysin, virulence factor in *Streptococcus pneumoniae* endophthalmitis (rat), 521
 Exudative maculopathy, in systemic lupus erythematosus, 448

F

- Facial palsy, self-inflicted, accidental ocular perforation, 164
 Fiberoptic illuminator, front and side fiberoptic illuminator for vitreous surgery, 360
 Fibrin formation, postoperative, recombinant hirudin prophylaxis (rabbit), 315
 Filtering bleb, exogenous *Aspergillus niger* endophthalmitis and, 461
 Fluorescein angiography
 bull's eye maculopathy in arcuate pigment epithelial dystrophy, 551
 chorioretinitis sclopetaria, 510
 complement-induced retinal arteriolar occlusions (cat), 239
 dorzolamide hydrochloride vs. acetazolamide for cystoid macular edema in retinitis pigmentosa, 2222
 effect of radiotherapy on size of AMD-related choroidal neovascularization, 481
 fluorescein extravasation in choroid and background fluorescence during, 540
 in idiopathic serous pigment epithelial detachment, 286
 microaneurysms, early vs. late staining, 211
 ring RPE window defect of macula in central serous chorioretinopathy, 205
 stereoscopic viewer for imaging, 359
 Fluoresceinated BSS infusion, quantitative vitreous collection, 51
 Fluorescence, background fluorescence during fluorescein angiography, 540
 Foreign body, intraocular
 iron-containing, ocular siderosis, 105
 retrieval, illuminating intraocular magnet for, 358
 Frosted branch angiitis
 clinical syndrome or clinical sign (?) (Editorial), 370
 in Crohn's disease, 451
 in systemic lupus erythematosus, 448
 Fungus infection
 exogenous *Aspergillus niger* endophthalmitis in patient with filtering bleb, 461
 posttraumatic *Scopulariopsis brevicaulis* endophthalmitis, 256

G

- Ganciclovir
for cytomegalovirus retinitis, implant insertion (*letter*), 463
intravitreal, for progressive outer retinal necrosis, 560
- Genetics
mitochondrial point mutation at position 3243 in patients with macular pattern dystrophy and phenotype of diabetes and deafness, 216
phenotypic characteristics of Oguchi disease associated with 1147delA mutation in arrestin gene, 17
- Gentamicin, intravenous, in penetrating ocular trauma (pig), 28
- Glaucoma
angle-closure, bilateral, ciliochoroidal effusions and, in HIV/AIDS, 455
open-angle, chronic, branch retinal vein occlusion and, 191
- Granulocyte aggregates, complement-induced retinal arteriolar occlusions (cat), 239
- Growth and development, pars plana development, 135
- Gyrate atrophy, gyrate atrophy-like phenotype with normal plasma ornithine, 403

H

- Hamartoma, combined hamartoma of retina and retinal pigment epithelium associated with epiretinal membrane and macular hole, 160
- Head position, refractive changes in silicone oil-filled eyes, 397
- Hemorrhage
obscuring multiple posttraumatic choroidal ruptures, indocyanine green angiographic imaging, 352
retinal, multiple white-centered retinal hemorrhages in ocular toxoplasmosis, 351
subretinal
in proliferative diabetic retinopathy, 87
vitreous, recurrent, prepapillary vascular loop and, 166
- Hemostasis, during vitreoretinal surgery, perfluoro-octane and (rabbit), 530
- Herpes simplex virus type 1, retinitis, acyclovir diphosphate dimyristoylglycerol lipid prodrug in (rabbit), 57
- Hirudin, recombinant, prevention of postoperative fibrin formation (rabbit), 315
- HIV/AIDS
Bartonella henselae-associated acute multifocal retinitis in, 457
bilateral choroidal effusions and angle-closure glaucoma in, 455
cytomegalovirus retinitis. *See Cytomegalovirus retinitis*
Mycobacterium tuberculosis infection, chorioretinitis and, 437
noninfectious branch retinal vein occlusion in, 162
progressive outer retinal necrosis, high-dose intravitreal ganciclovir for, 560
- Hypermetropia, branch retinal vein occlusion and, 200

- Hyperopia, branch retinal vein occlusion and, 191
- Hypertension, systemic, branch retinal vein occlusion and, 191
- Hyperthermia, ultrasonically induced, adjunctive therapy for intraocular malignant melanoma, 109
- Hypotony, closed artificial iris diaphragm for silicone oil tamponade in traumatized eyes with partial/complete aniridia, 330

I

- Idiopathic juxtafoveal retinal telangiectasis, subfoveal neovascularization, surgical removal, 94
- Image analysis, effect of radiotherapy on size of AMD-related choroidal neovascularization, 481
- Imipenem, intravitreal efficacy, in posttraumatic pseudomonal endophthalmitis (pig), 139
- Indocyanine green angiography
multiple posttraumatic choroidal ruptures obscured by hemorrhage, 352
retinal pigment epithelial tears, 23
- Indocyanine green videoangiography
choroidal findings in idiopathic serous pigment epithelial detachment, 286
- stereoscopic viewer for imaging, 359
- Infant(s), pars plana vitreous surgery, 135
- Inflammation, pneumolysin as virulence factor in *Streptococcus pneumoniae* endophthalmitis (rat), 521
- Instrumentation
disposable intraocular endoscope lens cleaner, 265
front and side fiberoptic illuminator for vitreous surgery, 360
- illuminating intraocular magnet for foreign body retrieval, 358
- light source for vitreous surgery, 466
- panoramic viewing system in relaxing retinotomy and retinectomy, 186
- stereo viewer for stereoscopic digital fluorescein and indocyanine green videoangiography, 359
- syringe technique for silicone oil removal, 266
- Intraocular lens (IOL), triple procedure: phacoemulsification, IOL implantation, and scleral buckling, 502

J

- Juvenile pilocytic astrocytoma, optic nerve, choroidal neovascularization in, 349

L

- Laceration, corneoscleral, posttraumatic *Scopulariopsis brevicaulis* endophthalmitis, 256
- Laser photocoagulation
choroidal neovascularization, in angiod streaks, 12
for macular soft drusen, 378
peripheral transscleral retinal diode laser for rubeosis iridis, 421
- Lensectomy-vitrectomy, postoperative fibrin formation, recombinant hirudin prophylaxis (rabbit), 315
- Lens of eye, traumatic dislocation into posterior Tenon's space, 557

Letters to the editor

- cytomegalovirus retinitis, 167
- ganciclovir implant insertion, 463
- patient's eye-view during vitreous surgery, 169
- pediatric retinal disease, use of 40-diopter, double-aspheric, indirect laser plus lens in, 168
- retinal detachment after clear lens extraction in high axial myopia, 78
- rubeosis iridis in association with proliferative vitreoretinopathy, 262
- Light exposure, age-related macular degeneration and, histologic study of shielded macula, 232
- Lipofuscin, retinal autofluorescence in AMD, 385
- Liposomes, acyclovir diphosphate dimyristoylglycerol lipid prodrug, in herpes simplex virus-1 retinitis (rabbit), 57
- Lymphoma, central nervous system, ocular involvement, 118

M

- Macula, shielded, histologic study, 232
- Macular degeneration, age-related
 - choroidal neovascularization
 - control via external beam radiotherapy, 481
 - radiotherapy for (*abstracts*), 170–172
 - light exposure and, histologic study of shielded macula, 232
 - retinal autofluorescence in, scanning laser ophthalmoscopy, 385
 - soft drusen, laser photocoagulation, 378
- Macular dystrophy
 - macular pattern dystrophy in patients with diabetes and deafness, 216
 - Stargardt's disease, traumatic retinopathy in, 251
- Macular hole
 - after pneumatic retinopexy, vitrectomy for, 356
 - chronic, vitreous surgery for, 493
 - combined hamartoma of retina and retinal pigment epithelium associated with epiretinal membrane and macular hole, 160
 - posttraumatic, vitreoretinal surgery for, 372
 - reopening, in myopic eyes with retinal detachment, 2
 - surgery, alternative to face-down positioning, 179
- Macular pucker, 300
- Maculopathy, exudative, in systemic lupus erythematosus, 448
- Magnet, illuminating intraocular magnet for foreign body retrieval, 358
- Marfan's syndrome, retinal detachment in, 390
- Melanocyte(s), uveal melanocyte proliferation, p53 protein and, 434
- Melanoma, intraocular
 - adjunctive hyperthermia therapy, 109
 - ciliochoroidal nerve sheath tumor simulating, 459
- Metastatic disease, choroidal, RPE tear and, 258
- Microaneurysms, in diabetic retinopathy, early vs. late staining on fluorescein angiography, 211
- Morning glory syndrome, peripheral exudative retinal detachment in, 73

- Morphometry, pars plana development, 135
- Multiple evanescent white dot syndrome, circum papillary chorioretinopathy in, 75
- Mycobacterium tuberculosis* infection, in HIV/AIDS, chorioretinitis and, 437

Myopia

- branch retinal vein occlusion and, 200
- high axial, clear lens extraction, retinal detachment after (*letter*), 78
- macular hole, retinal detachment, 2

N

- Neodymium:yttrium-aluminum-garnet (Nd:YAG) laser, continuous wave, intraoperative transscleral retinopexy, 414

Neovascularization

- choroidal
 - in age-related macular degeneration
 - control via external beam radiotherapy, 481
 - laser photocoagulation for soft drusen and, 378
 - radiotherapy for (*abstracts*), 170–172
 - in angioid streaks, laser photocoagulation, 12
 - in optic nerve glioma, 349
 - in Q fever, 553
 - intraretinal microvascular abnormalities and, 321
 - multiple cryolesions and (rabbit), 338
 - subfoveal, in idiopathic juxtafoveal retinal telangiectasis, surgical removal, 94
 - subretinal, welding arc injury and, 558
- Nerve sheath tumors, ciliochoroidal nerve sheath tumor simulating malignant melanoma, 459
- Night blindness, Oguchi disease, 17
- Norrie's disease gene, exudative vitreoretinopathy in cutis marmorata telangiectatica congenita, 306
- Nystagmus, congenital, in autosomal dominant vitreoretinochoroidopathy, 294

O

- Ofloxacin, ocular penetration after intravenous and topical administration, 535
- Oguchi disease, phenotypic characteristics of Oguchi disease associated with 1147delA mutation in arrestin gene, 17
- Ophthalmomyiasis interna posterior, optic nerve atrophy in, 310
- Opposing contractile forces, postvitrectomy posterior retinal holes, 99
- Optic nerve atrophy
 - hemiatrophy, in chorioretinitis sclopetaria, 510
 - in ophthalmomyiasis interna posterior, 310
- Optic nerve glioma, choroidal neovascular membrane, 349
- Ornithine-delta-aminotransferase, gyrate atrophy-like phenotype with normal plasma ornithine, 403

P

- Panuveitis, spontaneous giant RPE tears in, 254
- Pars plana, development, 135

- Patient positioning, macular hole surgery without face-down positioning, 179
- Paul Kayser International Award of Merit (1997), Jerry A. Shields, 369
- Pediatric population
bilateral exudative vitreoretinopathy in cutis marmorata telangiectatica congenita, 306
juvenile pilocytic astrocytoma of optic nerve, choroidal neovascularization in, 349
use of 40-diopter, double-aspheric, indirect laser plus lens in (*letter*), 168
- Perfluorocarbon liquids
perfluoro-octane for hemostasis during vitreoretinal surgery (rabbit), 530
removal of subretinal gas, 79
- Perfluorophenanthrene, experimental vitreous and aqueous substitution (rabbit), 146
- Periphlebitis
frosted branch angiitis in Crohn's disease, 451
frosted branch angiitis in systemic lupus erythematosus, 448
- Phacoemulsification, triple procedure: phacoemulsification, IOL implantation, and scleral buckling, 502
- Photoreceptor(s)
in chorioretinitis sclopetaria, 510
in Oguchi disease, 17
- Pneumatic retinopexy, macular hole after, vitrectomy for, 356
- Pneumolysin, virulence factor in *Streptococcus pneumoniae* endophthalmitis (rat), 521
- Polymerase chain reaction, *Mycobacterium tuberculosis* DNA in aqueous, HIV patient with chorioretinitis, 437
- p53 protein, in uveal melanocytic proliferation, 434
- Product announcements
anterior segment light probe, 362
clinical education videotapes, 81
D.O.R.C. Vitreous Shaver, 271
D.O.R.C. Weiss Membrane Pic Set, 364
D.O.R.C. WideView Vitrectomy Lenses, 174
ELG Television Reader, 269
expanded ASSI general instruments catalogue, 174
Extended Retinal End-Freeze Cryo Probe, 82
Humphrey SITA expert operating system, 362
Humphrey STAPAC for blue-yellow testing, 269
Humphrey 1-year warranty on preowned instruments, 174
- Lighthouse autofocus telescope, 270
- Lighthouse Consumer Products Catalog, 81
- Mentor Ophthalmics advanced ophthalmic imaging (A/B System with Comp Tec) system, 176
- motion analysis software, 270
- ORTHO-PRONE bed, 175
- paracentesis knives, 82
- Polaroid close-up instant camera, 175
- portable green laser photocoagulator, 83
- Tano Diamond Dusted Membrane Scraper, 365
- Three-Mirror universal laser and diagnostic lenses, 363
- Vit Commander posterior vitrectomy system, 363
Volk Super 66 Stereo Fundus Lens, 364
- Progressive outer retinal necrosis high-dose intravitreal ganciclovir for, 560
- Proliferative vitreoretinopathy
retinal detachment, periocular corticosteroids in (rabbit), 44
rubeosis iridis in (*letter*), 262
- Pseudomacular hole, 300
- Pseudomonas aeruginosa* endophthalmitis, posttraumatic, intravitreal ceftazidime, amikacin, and imipenem therapy (pig), 139
- letter*, 464
- Pupil of eye, tonic, ocular siderosis, 105
- Purtscher's retinopathy, complement-induced retinal arteriolar occlusions (cat), 239
- Q**
- Q fever, choroidal neovascularization in, 553
- R**
- Radiotherapy
for age-related choroidal neovascularization (*abstracts*), 170–172
brachytherapy and adjunctive hyperthermia, for intraocular malignant melanoma, 109
external beam, for age-related choroidal neovascularization, 481
- Refractive status
branch retinal vein occlusion and, 200
head position and refractive changes in silicone oil-filled eyes, 397
- Retina
combined hamartoma of retina and retinal pigment epithelium associated with epiretinal membrane and macular hole, 160
- Retinal arterioles, occlusion, complement-induced (cat), 239
- Retinal artery occlusion, central, subsequent posterior ciliary artery occlusion, in diabetes, 67
- Retinal cryopexy, vitreous effects (rabbit), 338
- Retinal detachment
after clear lens extraction in high axial myopia (*letter*), 78
apolipoprotein E in subretinal fluid, 38
intraoperative transscleral retinopexy using continuous wave Nd:YAG laser, 414
- in Marfan's syndrome, 390
- in myopic eye, macular hole and, 2
- pars plana vitrectomy, postoperative posterior retinal hole, 99
- peripheral exudative, in morning glory syndrome, 73
- proliferative vitreoretinopathy, periocular corticosteroids in (rabbit), 44
- scleral buckling surgery, ciliary detachment after, 7
- tractional, bilateral exudative vitreoretinopathy in cutis marmorata telangiectatica congenita, 306

- triple procedure: phacoemulsification, IOL implantation, and scleral buckling, 502
- Retinal hemorrhage, multiple white-centered retinal hemorrhages in ocular toxoplasmosis, 351
- Retinal hole, posterior, after pars plana vitrectomy for retinal detachment, 99
- Retinal necrosis, progressive outer retinal necrosis, high-dose intravitreal ganciclovir for, 560
- Retinal pigment epithelial detachment
- RPE tears, indocyanine green angiography, 23
 - serous pigment epithelial detachment, choroidal findings, 286
- Retinal pigment epithelium
- in chorioretinitis sclopetaria, 510
 - combined hamartoma of retina and retinal pigment epithelium associated with epiretinal membrane and macular hole, 160
 - ring RPE window defect of macula in central serous chorioretinopathy, 205
 - tears
 - indocyanine green angiography, 23
 - spontaneous giant RPE tears associated with panuveitis, 254
 - tumor-associated, 258
 - transplantation (*abstracts*), 468–473
- Retinal tears
- pathogenesis, contributions of structural components of vitreoretinal interface, 124
 - sclerotomy-related, influence of cannulated vitrectomy system, 430
- Retinal transplantation (*abstracts*), 468–473
- Retinal vasculitis
- frosted branch angiitis in Crohn's disease, 451
 - frosted branch angiitis in systemic lupus erythematosus, 448
- Retinal vein occlusion, branch
- axial length of eye and, 191, 196
 - noninfectious, in HIV/AIDS, 162
 - refractive status and, 200
 - risk factors, 191
- Retinectomy, panoramic viewing system in, 186
- Retinitis
- Bartonella henselae*-associated acute multifocal retinitis in HIV/AIDS, 457
 - herpes simplex virus type 1, acyclovir diphosphate dimyristoylglycerol lipid prodrug in (rabbit), 57
- Retinitis pigmentosa
- cystoid macular edema, dorzolamide hydrochloride vs. acetazolamide, 222
 - visual acuity measurements, reproducibility, 33
- Retinopexy
- pneumatic, macular hole after, vitrectomy for, 356
 - transscleral retinopexy using continuous wave Nd:YAG laser, 414
- Retinotomy, panoramic viewing system in, 186
- Rickettsial disease, Q fever, choroidal neovascularization in, 553
- Rubeosis iridis
- peripheral transscleral retinal diode laser photocoagulation for, 421
 - in proliferative vitreoretinopathy (*letter*), 262
- Rupture, multiple posttraumatic choroidal ruptures obscured by hemorrhage, indocyanine green angiographic imaging, 352
- S**
- Scanning laser ophthalmoscopy
- fluorescein extravasation in choroid and background fluorescence during fluorescein angiography, 540
 - retinal autofluorescence in AMD, 385
 - in vitreoretinal interface syndrome, 300
- Scleral buckling
- erosion and migration of Watzke sleeve into anterior chamber, 71
 - retinal detachment in Marfan's syndrome, 390
 - for rhegmatogenous retinal detachment, ciliary detachment after, 7
 - triple procedure: phacoemulsification, IOL implantation, and scleral buckling, 502
- Sclerotomy, retinal tears and, influence of cannulated vitrectomy system, 430
- Scopulariopsis brevicaulis* endophthalmitis, posttraumatic, 256
- Shields, Jerry A., Paul Kayser International Award of Merit (1997), 369
- Siderosis, ocular, 105
- Silicone oil tamponade
- endophthalmitis in, 507
 - head position and refractive changes in silicone oil-filled eyes, 397
 - for ocular trauma in eyes with partial/complete aniridia, artificial iris diaphragm for, 330
 - for penetrating ocular trauma, 275
 - retinal detachment in Marfan's syndrome, 390
 - syringe technique for silicone oil removal, 266
- Stargardt's disease, traumatic retinopathy in, 251
- Streptococcus pneumoniae* endophthalmitis, pneumolysin as virulence factor (rat), 521
- Subretinal fluid, apolipoprotein E, in retinal detachment, 38
- Subretinal gas accumulation, removal via perfluorocarbon liquid, 70
- Subretinal hemorrhage
- in proliferative diabetic retinopathy, 87
- Systemic lupus erythematosus, frosted branch periphlebitis and exudative maculopathy in, 448
- T**
- Telangiectasis
- exudative vitreoretinopathy in cutis marmorata telangiectatica congenita, 306
 - idiopathic juxtapapillary retinal telangiectasis, subfoveal neovascularization, surgical removal, 94
- Tenon's space, posterior, traumatic dislocation of lens into, 557

Thymoma, ocular toxoplasmosis and, 354
 Toxoplasmosis, ocular
 thymoma and, 354
 white-centered retinal hemorrhages in, 351
 Trauma, ocular
 accidental ocular perforation from self-inflicted facial palsy, 164
 aniridic eye, silicone oil tamponade in, artificial iris diaphragm for, 330
 dislocation of lens into posterior Tenon's space, 557
 macular hole and, vitreoretinal surgery for, 372
 multiple posttraumatic choroidal ruptures obscured by hemorrhage, indocyanine green angiographic imaging, 352
 penetrating
 chorioretinitis sclopetaria, 510
 intravenous gentamicin and ceftazidime in (pig), 28
 pars plana vitrectomy and silicone oil tamponade for, 275
Pseudomonas aeruginosa endophthalmitis, intravitreal ceftazidime, amikacin, and imipenem therapy (pig), 139
Scutulariopsis brevicaulis endophthalmitis, 256
 traumatic retinopathy in Stargardt's disease, 251
 welding arc injury with secondary subretinal neovascularization, 558
 Tuberculosis, in HIV/AIDS, chorioretinitis and, 437
 Tumor(s)
 RPE tear and, 258

U

Ultrasonography
 ocular siderosis, 105
 peripheral vitreoretinal adhesions, 131
 in primary CNS lymphoma with ocular involvement, 118
 Ultrasound, ultrasonically induced hyperthermia, adjunctive therapy for intraocular malignant melanoma, 109
 Ultrasound biomicroscopy
 bilateral choroidal effusions and angle-closure glaucoma in HIV/AIDS, 455
 ciliary detachment after retinal detachment surgery, 7
 Uveal tract
 melanocyte proliferation, p53 protein and, 434
 peripheral nerve sheath tumor simulating malignant melanoma, 459
 Uveitis
 panuveitis, spontaneous giant RPE tears in, 254
 primary CNS lymphoma with ocular involvement, 118

V

Vascular anomalies
 congenital, prepapillary vascular loop, recurrent vitreous hemorrhage and, 166
 intraretinal microvascular abnormalities, clinicopathologic correlation, 321

Visual acuity
 dorzolamide hydrochloride vs. acetazolamide for cystoid macular edema in retinitis pigmentosa, 222
 laser photocoagulation of choroidal neovascularization in angioid streaks, 12
 macular hole surgery without face-down positioning, 179
 measurements, reproducibility in retinitis pigmentosa, 33
 Oguchi disease, 17
 in ophthalmomyiasis interna posterior with optic nerve atrophy, 310
 retinal detachment in Marfan's syndrome, 390
 ring RPE window defect of macula in central serous chorioretinopathy, 205
 sequential occlusion of central retinal artery and posterior ciliary artery in diabetes, 67
 triple procedure: phacoemulsification, IOL implantation, and scleral buckling, 502
 vitrectomy for chronic macular holes, 493
 vitreoretinal surgery for posttraumatic macular hole, 372
 Visual loss, accidental ocular perforation from self-inflicted facial palsy, 164
 Vitrectomy
 cannulated vitrectomy system, incidence of sclerotomy-related retinal tears, 430
 for chronic macular holes, 493
 front and side fiberoptic illuminator for, 360
 for macular hole after pneumatic retinopexy, 356
 for ophthalmomyiasis interna posterior, 310
 pars plana
 in infants, 135
 for primary retinal detachment, posterior retinal hole after, 99
 retinal detachment in Marfan's syndrome, 390
 retinal detachment resulting from macular hole in highly myopic eye, 2
 with silicone oil tamponade. *See also* Silicone oil tamponade
 for penetrating ocular trauma, 275
 postoperative fibrin formation, recombinant hirudin prophylaxis (rabbit), 315
 quantitative vitreous collection via fluoresceinated BSS infusion, 51
 Vitritis, primary CNS lymphoma with ocular involvement, 118
 Vitreoretinal interface
 peripheral vitreoretinal adhesions, ultrasonographic study, 131
 structural components implicated in retinal tears, 124
 Vitreoretinal interface syndrome, scanning laser ophthalmoscopy in, 300
 Vitreoretinal surgery
 closed artificial iris diaphragm for silicone oil tamponade in traumatized eyes with partial/complete aniridia, 330
 enzymatic posterior vitreous detachment

- hemostasis during, perfluoro-octane and (rabbit), 530
for posttraumatic macular hole, 372
subretinal gas accumulation, removal via perfluoro-carbon liquid, 70
- Vitreoretinochoroidopathy, autosomal dominant, 294
- Vitreoretinopathy, bilateral exudative vitreoretinopathy in cutis marmorata telangiectatica congenita, 306
- Vitreous
effect of retinal cryopexy (rabbit), 338
ofloxacin penetration after intravenous and topical administration, 535
- Vitreous detachment, posterior, therapeutic
- Vitreous hemorrhage, recurrent, prepapillary vascular loop and, 166
- Vitreous sampling, quantitative vitreous collection via fluoresceinated BSS infusion, 51
- Vitreous substitute, evaluation of perfluorophenanthrene (rabbit), 146
- Vitreous surgery
for chronic macular holes, 493
front and side fiberoptic illuminator for, 360
light source for, 466
- Vitreous traction maculopathy, in autosomal dominant vitreoretinochoroidopathy, 294

W

- Watzke sleeve, erosion and migration into anterior chamber, 71
- Welding arc injury, subretinal neovascularization in, 558
- Wound healing, in retinal detachment, subretinal fluid apolipoprotein E and, 38